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OUT61710

P 122207Z
FM NPIC

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AFSSO PACAF
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AFSSO USAFE
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ZEM
T O P S E C R E T. [redacted] CITE NPIC 0375.

SUBJECT: CAMERA INFORMATION FOR MISSION 1040-2

1. THE FOLLOWING DATA REMAINS THE SAME AS REPORTED IN NPIC 0336. PARA. 1, 2, 3, 4, AND 5.

2. IMAGE MOTION COMPENSATION DATA (CYCLE RATE (CPS), GROUND ANGULAR VELOCITY (GAV), AND PASSES WHERE USED).

REF. LEVEL		AMPL. LEVEL			PASSES
NO.	CPS.	GAV.	NO.	CPS.	GAV.	
6	.3493	.0316	5	.0874	.0079	71 THRU 143

3. PROGRAM TIME DATA

PASS	CAMERA ON TIME (ZULU TIME)				PROGRAM ON TIME UP RAMP	PROGRAM DURATION
	DAY	HR	MIN	SEC	SEC	SEC
71D	4	05	45	44	1737	12
72AE	4	06	49	27	0	23
72D1	4	07	06	01	1145	58

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72D2	4	Ø7	Ø8	43	1306	163
72D3	4	Ø7	17	59	1862	45
73D1	4	Ø8	42	28	1523	36
73D2	4	Ø8	54	49	2264	144
74D	4	1Ø	2Ø	21	1991	57
77D	4	15	Ø1	27	2631	79
79D	4	17	47	Ø9	1759	22
81D	4	2Ø	42	51	Ø	24
83D	4	23	39	57	1299	142
84D	5	Ø1	3Ø	42	2533	127
85D1	5	Ø2	4Ø	15	13Ø4	31
85D2	5	Ø2	45	57	1646	44
86D1	5	Ø4	12	4Ø	1444	77
86D2	5	Ø4	15	15	1599	372
87D1	5	Ø5	39	47	1264	167
87D2	5	Ø5	45	45	1622	35
87D3	5	Ø5	5Ø	37	1914	45
88D	5	Ø7	14	12	1522	59
89D	5	Ø8	57	3Ø	2319	1Ø1
9ØD1	5	1Ø	Ø9	Ø5	12Ø7	76
9ØD2	5	1Ø	27	ØØ	2282	55
92D	5	13	34	11	27Ø3	59
98D	5	22	12	34	1379	142
1ØØD1	6	Ø1	19	26	1785	37
1ØØD2	6	Ø1	31	Ø3	2482	62

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100D3	6	01	32	52	2590	178
101D1	6	02	42	25	1363	95
101D2	6	02	44	32	1490	181
101D3	6	02	48	09	1707	176
101D4	6	02	51	37	1915	88
102D1	6	04	12	20	1357	97
102D2	6	04	14	49	1506	187
102D3	6	04	20	01	1818	50
102D4	6	04	22	16	1952	83
103D1	6	05	46	24	1594	56
103D2	6	05	49	06	1756	170
104D1	6	07	26	13	2181	95
104D2	6	07	29	25	2372	95
105D	6	08	55	09	2112	55
106D	6	10	27	37	2256	70
109D	6	15	10	16	3012	136
111D	6	17	52	52	1959	40
115D	6	23	45	30	1514	109
116D1	7	01	18	49	1712	40
116D2	7	01	21	04	1847	30
116D3	7	01	35	46	2729	183
117D1	7	02	43	55	1418	35
117D2	7	02	53	10	1973	374
118D1	7	04	18	47	1710	79
118D2	7	04	23	58	2021	198

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119D1	7	Ø5	43	23	1386	79
119D2	7	Ø5	49	57	1780	104
119D3	7	Ø5	54	Ø6	2029	85
120D1	7	Ø7	14	37	1461	137
120D2	7	Ø7	17	28	1632	76
120D3	7	Ø7	19	29	1752	127
120D4	7	Ø7	30	12	2396	148
124D1	7	13	36	17	2761	86
125D	7	15	Ø4	Ø5	2630	56
127D	7	17	53	49	2014	40
131D1	7	23	44	35	1465	23
131D2	7	23	45	25	1515	82
131D3	7	23	47	30	1639	41
132D	8	Ø1	14	59	1491	87
133D1	8	Ø2	47	42	1655	159
133D2	8	Ø2	55	51	2144	277
134D1	8	Ø4	19	32	1768	81
134D2	8	Ø4	25	12	2108	102
135D1	8	Ø5	44	19	1456	38
135D2	8	Ø5	46	56	1614	150
135D3	8	Ø5	51	11	1869	34
136D1	8	Ø7	15	14	1514	59
136D2	8	Ø7	18	11	1691	76
136D3	8	Ø7	20	10	1810	73
137D1	8	Ø9	Ø3	34	2617	71

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137D2	8	09	09	12	2954	123
138D	8	10	25	15	2120	149
143D	8	17	54	07	2069	41

NOTE: ABOVE DATA APPLIES TO FWD UNIT ONLY ADD 12 SECONDS TO OBTAIN START TIMES OF AFT UNIT.

4. TIME CORRELATION (MILLISECONDS)

PASS	CLOCK TIME	SYSTEM TIME	DIFFERENCE
8	264803.656	23403.4862	----
16	309906.965	68506.7886	.007
24	351517.662	23717.4794	.006
32	396528.917	68728.7277	.007
40	438195.952	23995.7566	.006
47	477809.499	63609.2977	.006
56	524834.294	24234.0857	.007
63	27557.776	63828.4739	.005
72	74608.194	24478.8849	.007
79	114143.106	64013.7910	.006
88	161135.623	24606.3011	.007
95	200644.236	64114.9082	.006
104	247653.88	24724.5463	.006
111	287151.066	64221.7254	.006
120	334135.181	24805.8335	.007
127	373608.700	64279.3466	.006
135	415214.099	19484.7394	.006
143	460027.210	64297.8438	.007

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NOTE: ALL "DIFFERENCE" VALUES ARE PLUS.

NOTE: PHOTOGRAPHIC VEHICLE FLEW "NOSE-FIRST" RATHER THAN "TAIL-FIRST" AS IN MOST MISSIONS. AS A RESULT STELLAR CAMERA AIMS WEST RATHER THAN EAST ON DESCENDING PASSES. ALSO, THE MASTER CAMERA IS THE AFT LOOKING CAMERA.

GP-1

T O P S E C R E T

-END OF MESSAGE-

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